

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A vehicle having a main chassis and a power source for driving the vehicle, a drivable steer carriage pivotally supporting the main chassis about an at least substantially upright pivotal axis, the carriage including front and rear ~~a plurality of~~ opposed pairs of carriage wheels, ~~at least one said front and rear~~ pair of carriage wheels being respectively driven by a drive transmission including an input shaft at least substantially aligned with said upright pivotal axis such that the power source can transfer power through the input shaft to at least one carriage wheel pair, and a middle non-driven pair of carriage wheels located between said front and rear driven pairs of carriage wheels, wherein the axis of rotation of said middle pair is located below the input shaft.

2. (Original) A vehicle according to claim 1 wherein the steer carriage includes a sub-frame and a turntable located between a said driven pair of wheels and the sub-frame, the pair of wheels being supported on a wheel axle supported on the turntable, thereby allowing pivoting of the wheel axle relative to the sub-frame.

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) A vehicle according to claim 2 wherein the steer carriage includes a ~~front said front~~ turntable supporting a front ~~said wheel wheel~~ axle and a rear said turntable supporting a rear ~~said wheel wheel~~ axle, said front and rear wheel axles being driven through said drive transmission.

6. (Currently Amended) A vehicle according to claim 5 wherein the ~~carriage further includes a nondriven pair of wheels, said~~ non-driven pair of wheels ~~are being~~ are supported on a wheel axle located between the front and rear wheel axles, and fixed in position relative to the sub-frame.

7. (Original) A vehicle according to claim 5 or 6 further including steering means for controlling the rotation of the turntables relative to the sub-frame, the steering means rotating the front wheel axle in an equal and opposite rotational direction to the rear wheel axle.

8. (Original) A vehicle according to claim 1 wherein the power source is supported on the main chassis for driving said at least one pair of carriage wheels through said input shaft.

9. (Currently Amended) A vehicle according to claim 1 wherein the drive transmission further includes

a differential drive centrally located on a wheel axle supporting said at least one driven pair of wheels;

a central transfer unit mounted to the ~~sub-frame~~ sub-frame, the upright input shaft extending from the central transfer unit, and at least one output shaft extending from the central transfer unit;

a wheel transfer unit located adjacent the differential drive of the wheel axle, the wheel transfer unit being coupled to the sub-frame; and

a drive shaft interconnecting the central transfer unit with the wheel transfer unit.

10. (Original) A vehicle according to claim 1 wherein the main chassis includes a pair of said drivable steer carriages located adjacent opposing ends of the main chassis.

11. (Currently Amended) A driveable steer carriage for a vehicle having a main chassis and a power source for driving the vehicle, the steer carriage being adapted to pivotally support the main chassis thereon ~~about and~~ about an at least substantially upright pivotal axis, the carriage including a plurality of opposed pairs of carriage wheels, at least ~~one~~ one of said pair of carriage wheels being driven by a drive transmission including an input shaft at least substantially aligned with said upright pivotal axis such that the power source can transfer power through the input shaft to the at least one carriage wheel.